# BRUHAT BANGALORE MAHANAGARA PALIKE
# YELAHANKA ZONE

**Name of Work:** Estimate for Desilting of Storm Water Drain in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

**Estimate Cost: 2500000.00**

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 200-8 : Cleaning and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and tress of girth upto 300mm by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials within a lead of 100 meters from road boundary, labour charges complete as per specifications. MORTH chapter 2. **No. 135 / Item No. 18.11 / PWD SR 2015-16** | Sqm | | | | | | | |
| | BEL Compound through Kallappa Layout to Petrol Bunk | | 1 | 1650.00 | 2.50 | | 4125.00 | | |
| | Military Compound through Venkatagiriyappa Layout to Petrol Bunk | | 1 | 1600.00 | 2.50 | | 4000.00 | | |
| | Kerosine Bunk to Hamuman Layout | | 1 | 1600.00 | 2.50 | | 4000.00 | | |
| | Seethappa Layout to Yalumandamma Badavane | | 1 | 2100.00 | 2.50 | | 5250.00 | | |
| | | | | | | | **17375.00** | | |
| | Deduct 35% Wides | | | | | | -6081.25 | | |
| | | | | | | | **11293.75** | 6.48 | **73184.00** |
| | Basic Rate | 6.00 | | | | | | | |
| | Area Weightage @ 8% | 0.48 | | | | | | | |
| | **Total** | **6.48** | | | | | | | |
| 2 | Excavation and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing off the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead upto 50 m and all lifts.MISR 2014-15 (P. 76 / I. No. 44) | Cum | | | | | | | |
| | BEL Compound through Kallappa Layout to Petrol Bunk | | 1 | 1650.00 | 2.50 | 0.35 | 1443.75 | | |
| | Military Compound through Venkatagiriyappa Layout to Petrol Bunk | | 1 | 1600.00 | 2.20 | 0.30 | 1056.00 | | |
| | Kerosine Bunk to Hamuman Layout | | 1 | 1600.00 | 2.30 | 0.35 | 1288.00 | | |
| | Seethappa Layout to Yalumandamma Badavane | | 1 | 2100.00 | 2.50 | 0.35 | 1837.50 | | |
| | | | | | | | **5625.25** | 245.50 | **1380999.00** |
| | Basic Rate | 245.50 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 3 | KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 **Page No. 23 / Item No. 5.6 / PWD SR 2015-16** | Cum | | | | | | | |
| | Fro Damage Portion | | 1 | 75.00 | 0.60 | 0.60 | 27.00 | | |
| | | | | | | | **27.00** | 4135.32 | **111654.00** |
| | Basic Rate | 3829.00 | | | | | | | |
| | Area Weightage @ 8% | 306.32 | | | | | | | |
| | **Total** | **4135.32** | | | | | | | |
| 4 | KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4. **Page No. 109 / Item No. 15.3 / PWD SR 2015-16** | Sqm | | | | | | | |
| | Fro Damage Portion | | 1 | 75.00 | 0.60 | | 45.00 | | |
| | | | | | | | **45.00** | 99.36 | **4471.00** |
| | Basic Rate | 92.00 | | | | | | | |
| | Area Weightage @ 8% | 7.36 | | | | | | | |
| | **Total** | **99.36** | | | | | | | |
| 5 | KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. **No. 12/ Item No. 4.6 / PWD SR 2015-16** | Cum | | | | | | | |
| | Fro Damage Portion | | 2 | 80.00 | 0.60 | 0.10 | 9.60 | | |
| | Vent Concrete | | 1 | 110.00 | 2.20 | 0.10 | 24.20 | | |
| | | | | | | | **33.80** | 5490.72 | **185586.00** |
| | Basic Rate | 5084.00 | | | | | | | |
| | Area Weightage @ 8% | 406.72 | | | | | | | |
| | **Total** | **5490.72** | | | | | | | |
| 6 | Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km | Cum | | | | | | | |
| | | | Vide Item No. 3 | | | | **5259.61** | 103.37 | **543669.00** |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Average weight of earth 1.28 tonne / kg for 11.90X1.28X2.20 = 33.51 | 33.51 | | | | | | | |
| | Add loading and unloading Vide item no.17.1 P.no.144 | 62.20 | | | | | | | |
| | | **95.71** | | | | | | | |
| | Area Weightage @ 8% | 7.66 | | | | | | | |
| | **Total** | **103.37** | | | | | | | |
| | | | | | | | | | |
| | **Sub Total** | | | | | | | | **2299563.00** |
| | | | | | | | | | |
| | **KRIDL Charges @ 8%** | | | | | | | | **183965.00** |
| | | | | | | | | | |
| | **Survey and Consultance Charges @ 1%** | | | | | | | | **14717.00** |
| | | | | | | | | | |
| 7 | Miscellaneous and unforeseen charges | L/S | | | | | | | **1755.00** |
| | | | | | | | | | |
| | | | | | | | | **Total** | **2500000.00** |
| **Rupees Twenty Five Lakh(s) Only** | | | | | | | | | |

**CERTIFICATE :**

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16 and MISR 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranayapura Sub Division

Executive Engineer 8/9/16.
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

**Administrative Approval**
Accorded For "25.00" lakh Rs.
Head of A/C..... P 2200
CER NO :..... 46 ... Dt:.. 22.09.16

TA CE (YNK)

**Technical Sanction**
Accorded For "25.00" lakh Rs.
Head of A/C..... P 2200
CER NO :..... 54 ... Dt:.. 22.09.16

TA CE (YNK).